

Table 1.— Preliminary estimates of passage by brood-year (BY) and run for unmarked juvenile Chinook salmon and steelhead trout captured by rotary-screw traps at Red Bluff Diversion Dam (RK391), Sacramento River, CA, for the dates listed below. Results include estimated passage, peak river discharge volume, water temperature, turbidity, and fork length (mm) range in parentheses. A dash (-) indicates that sampling was not conducted on that date.

Date	Discharge volume (cfs) ¹	Water temperature (°C)	Water turbidity (NTU)	Estimated passage				
				BY08 Fall	BY09 Late-fall	BY09 Winter	BY08 Spring	BY09 Steelhead
8/27/09	11,100	15.0	2.4	1,660 (90 – 120)	355 (80 – 86)	78,017 (31 – 48)	0 (–)	1,618 (24 – 92)
8/28/09	10,600	14.8	2.5	895 (90 – 112)	1,129 (79 – 88)	99,874 (31 – 45)	0 (–)	1,545 (27 – 76)
8/29/09	10,200	14.8	–	–	–	–	–	–
8/30/09	10,000	15.7	–	–	–	–	–	–
8/31/09	9,920	15.3	–	–	–	–	–	–
9/1/09	9,590	15.3	–	–	–	–	–	–
9/2/09	9,610	15.5	–	–	–	–	–	–
9/3/09	9,110	15.8	–	–	–	–	–	–
9/4/09	8,780	15.5	–	–	–	–	–	–
9/5/09	8,170	14.8	2.7	599 (94 – 116)	272 (56 – 84)	31,521 (31 – 51)	0 (–)	608 (54 – 77)
9/6/09	8,230	15.3	2.1	0 (–)	320 (59 – 89)	30,323 (32 – 46)	0 (–)	173 (54 – 79)
9/7/09	8,070	15.2	2.6	98 (110)	202 (53 – 78)	42,253 (32 – 51)	0 (–)	310 (53 – 66)
9/8/09	8,440	14.9	2.1	287 (115 – 119)	287 (64 – 67)	63,947 (31 – 52)	0 (–)	1,036 (46 – 85)
9/9/09	8,090	15.2	2.6	274 (101 – 104)	0 (–)	81,926 (30 – 48)	0 (–)	509 (52 – 66)
Biweekly total ²				10,707	6,707	972,579	0	14,763
<i>Biweekly Lower 90% Confidence Interval</i>				-12,259	-8,552	-642,944	0	-14,726
<i>Biweekly Upper 90% Confidence Interval</i>				33,673	21,966	2,588,102	0	44,252
Brood-year total				9,197,849	103,589	1,459,050	165,003	120,805
<i>Brood-year Lower 90% Confidence Interval</i>				4,427,809	51,425	742,047	66,975	61,720
<i>Brood-year Upper 90% Confidence Interval</i>				13,967,888	155,754	2,176,053	263,031	179,891

¹ Peak daily discharge values do not account for diversions at RBDD and only represent peak flows registered at the Bend Bridge Gauging station (<http://cdec2.water.ca.gov/cgi-progs/queryFx?bnd>).

² Biweekly totals may be greater than the sum of the daily estimates presented in this table if sampling was not conducted on each day of the biweekly period. A dash (-) denotes those dates. To estimate daily passage for days that were not sampled, we impute missed sample days with the weekly mean value of days sampled within the week.